

Faculty Member Contact Information

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Contact Info	
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Department	Pharmaceutical Sciences

1 Funded, Unfunded URCA Assistant

	This position is ONLY open to students who have declared a major in this discipline.	M
	This project deals with social justice issues.	
	This project deals with sustainability (green) issues.	
X	This project deals with human health and wellness issues.	
	This project deals with community outreach.	
	This mentor's project is interdisciplinary in nature.	I

Are you willing to work with students from outside of your discipline? If yes, which other disciplines?

No

How many hours per week will your student(s) be required to work in this position?

(Minimum is 6 hours per week; typical is 9)

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Will it be possible for your student(s) to earn course credit?

Location of research/creative activities:

The new SIUE Health Sciences Building

Brief description of the nature of the research/creative activity?

Hands-on lab research aimed at creation and testing new compounds for the treatment of cancer.

Brief description of student responsibilities?

Synthesizing new compounds in a medicinal chemistry lab and must have knowledge of organic chemistry or knowledge of cell and molecular biology and performing biochemical and cell-based assays. Will collect, analyze and present data to mentor(s).

URCA Assistant positions are designed to provide students with *research or creative activities* experience. As such, there should be measurable, appropriate outcome goals. What exactly should your student(s) have learned by the end of this experience?

The will learn details about drug discovery research.

Requirements of Students

If the position(s) require students to be available at certain times each week (as opposed to them being able to set their own hours) please indicate all required days and times:

Requires 10 hrs hands-on, lab work per week M-F within 9-5 PM.

If the location of the research/creative activities involves off campus work, must students provide their own transportation?

Work is on campus.

Must students have taken any prerequisite classes? Please list classes and preferred grades:

Organic Chem, Biochemistry, Cell and Molecular Biology or related courses.

Other requirements or notes to applicants: